

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,823,416 B2
APPLICATION NO. : 10/576291
DATED : November 2, 2010
INVENTOR(S) : Shigeaki Aoki et al.

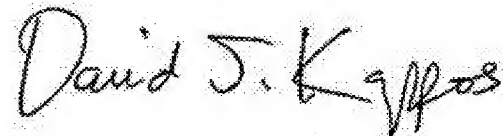
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Cover Page

Item (73) Assignee, "Nippon Electric Gas Co., Ltd." should read --Nippon Electric Glass Co., Ltd--.

Signed and Sealed this
Twenty-second Day of February, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office